SEQUENCE LISTING

IL-γ amino acid sequence (SEQ ID NO:1)

```
 5  M  S  G  G  G  N  I  K  V  V  V  R  V  R  P  F  N  A  R  E  I
    D  R  G  A  K  C  I  V  R  M  E  G  N  Q  T  I  L  T  P  P  P
    G  A  E  E  K  A  R  K  S  G  K  T  I  M  D  G  P  K  A  F  A
    F  D  R  S  Y  W  S  F  D  K  N  A  P  N  Y  A  R  Q  E  D  L
    F  Q  D  L  G  V  P  L  L  D  N  A  F  K  G  Y  N  N  C  I  F
10  A  Y  G  Q  T  G  S  G  K  S  Y  S  M  M  G  Y  G  K  E  H  G
    V  I  P  R  I  C  Q  D  M  F  R  R  I  N  E  L  Q  K  D  K  N
    L  T  C  T  V  E  V  S  Y  L  E  I  Y  N  E  R  V  R  D  L  L
    N  P  S  T  K  G  N  L  K  V  R  E  H  P  S  T  G  P  Y  V  E
    D  L  A  K  L  V  V  R  S  F  Q  E  I  E  N  L  M  D  E  G  N
15  K  A  R  T  V  A  A  T  N  M  N  E  T  S  S  R  S  H  A  V  F
    T  L  T  L  T  Q  K  W  H  D  E  E  T  K  M  D  T  E  K  V  A
    K  I  S  L  V  D  L  A  G  S  E  R  A  T  S  T  G  A  T  G  A
    R  L  K  E  G  A  E  I  N  R  S  L  S  T  L  G  R  V  I  A  A
    L  A  D  M  S  S  G  K  Q  K  K  N  Q  L  V  P  Y  R  D  S  V
20  L  T  W  L  L  K  D  S  L  G  G  N  S  M  T  A  M  I  A  A  I
    S  P  A  D  I  N  F  E  E  T  L  S  T  L  R  Y  A  D  S  A  K
    R  I  K  N  H  A  V  V  N  E  D  P  N  A  R  M  I  R  E  L  K
    E  E  L  A  Q  L  R  S  K  L  Q  S  G  G  G  G  G  G  A  G
    G  S  G  G  P  V  E  E  S  Y  P  P  D  T  P  L  E  K  Q  I  V
25  S  I  Q  Q  P  D  A  T  V  K  K  M  S  K  A  E  I  V  E  Q  L
    N  Q  S  E  K  L  Y  R  D  L  N  Q  T  W  E  E  K  L  A  K  T
    E  E  I  H  K  E  R  E  A  A  L  E  E  L  G  I  S  I  E  K  G
    F  V  G  P  Y  H  S  K  E  M  P  H  L  V  N  L  S  D  D  P  L
    L  A  E  C  L  V  Y  N  I  K  P  G  Q  T  R  V  G  N  V  N  Q
30  D  T  Q  A  E  I  R  L  N  G  S  K  I  L  K  E  H  C  T  F  E
    N  V  D  N  V  V  T  I  V  P  N  E  K  A  A  V  M  V  N  G  V
    R  I  D  K  P  T  R  L  R  S  G  Y  R  I  I  L  G  D  F  H  I
    F  R  F  N  H  P  E  E  A  R  A  E  R  Q  E  Q  S  L  L  R  H
    S  V  T  N  S  Q  L  G  S  P  A  P  G  R  H  D  R  T  L  S  K
35  A  G  S  D  A  D  G  D  S  R  S  D  S  P  L  P  H  F  R  G  K
    D  S  D  W  F  Y  A  R  R  E  A  A  S  A  I  L  G  L  D  Q  K
    I  S  H  L  T  D  D  E  L  D  A  L  F  D  D  V  Q  K  A  R  A
```

68

```
  V R R G L V E D N E D S D S Q S S F P V R
  D K Y M S N G T I D N F S L D T A I T M P
  G T P R S D D D G D A L F F G D K K S K Q
  D A S N V D V E E L R Q Q Q A Q M E E A L
5 K T A K Q E F
```

TL-γ nucleotide sequence (SEQ ID NO:2)

```
     ATGTCGGGCGGTGGAAATATCAAGGTGGTGGTGCGGGTACGCCCGTTCAA
10   CGCCCGAGAAATCGACCGTGGCGCAAAATGTATTGTGCGGATGGAAGGAA
     ATCAAACCATCCTCACCCCTCCTCCGGGTGCCGAAGAGAAGGCGCGTAAA
     AGTGGCAAACTATTATGGATGGCCCGAAGGCATTTGCGTTCGATCGGTC
     GTATTGGTCCTTTGACAAGAATGCTCCCAACTATGCGAGACAGGAAGACC
     TATTCCAAGATCTCGGAGTCCCGCTTCTGGATAATGCATTCAAGGGTTAT
15   AACAATTGTATCTTCGCCTACGGTCAGACCGGTTCGGGCAAGTCCTATTC
     AATGATGGGCTATGGCAAGGAGCATGGCGTGATCCCGCGGATTTGCCAGG
     ACATGTTCCGGCGTATTAATGAACTGCAGAAGGACAAGAACCTCACTTGC
     ACCGTCGAAGTTTCGTACTTGGAAATTTACAATGAACGAGTGCGAGACTT
     GCTGAATCCGTCGACAAAGGGGAATCTCAAGGTCCGAGAACACCCGTCGA
20   CCGGCCCCTACGTGGAGGACTTGGCGAAGCTGGTCGTGCGATCATTCCAA
     GAAATCGAAAATCTCATGGATGAGGGCAACAAAGCCAGAACGGTTGCCGC
     CACAAACATGAACGAGACATCCAGTCGATCCCACGCCGTCTTCACTTTGA
     CCTTGACGCAAAAGTGGCATGATGAAGAGACCAAAATGGACACAGAGAAG
     GTTGCGAAGATCAGTCTGGTAGATTTGGCGGGTTCTGAGCGAGCAACGTC
25   CACCGGAGCTACTGGAGCGCGACTGAAGGAGGGTGCAGAGATCAACCGCT
     CACTTTCGACCCTAGGTCGTGTGATTGCAGCGCTAGCGGATATGTCGTCG
     GGAAAACAGAAGAAGAATCAGTTAGTACCTTACCGAGATTCGGTACTGAC
     GTGGCTTCTGAAGGACTCCTTGGGAGGCAACTCGATGACCGCCATGATTG
     CCGCCATTTCGCCTGCTGATATTAACTTTGAAGAGACTCTCAGTACCTT
30   CGATATGCGGACTCTGCGAAGCGAATCAAGAACCACGCAGTGGTCAATGA
     AGACCCGAACGCGCGGATGATCCGCGAGTTGAAGGAGGAACTCGCGCAGC
     TGAGGAGCAAACTCCAGAGCAGTGGTGGAGGTGGAGGTGGTGCAGGAGGT
     TCTGGCGGGCCAGTGGAGGAATCGTACCCGCCCGACACGCCGCTCGAGAA
     GCAAATCGTGTCGATTCAGCAGCCGGATGCGACAGTCAAGAAAATGAGCA
35   AGGCAGAAATCGTGGAGCAACTGAACCAGAGTGAGAAGCTCTATCGGGAT
     CTCAATCAGACCTGGGAAGAGAAGCTGGCCAAGACCGAGGAAATCCACAA
     GGAACGAGAAGCGGCGCTCGAGGAGCTGGGTATCAGCATCGAAAAGGGCT
```

69

TTGTTGGCCCTTACCACTCCAAAGAAATGCCACATCTAGTCAACTTGAGC
GATGATCCTCTTCTGGCTGAGTGTCTTGTCTACAACATCAAGCCCGGGCA
GACAAGGGTTGGAAACGTCAACCAAGATACACAAGCGGAAATTCGTCTGA
ACGGTTCGAAGATCCTGAAAGAACACTGTACGTTTGAAAATGTGGACAAC

5   GTTGTGACCATCGTGCCAAACGAGAAGGCTGCTGTCATGGTGAACGGCGT
GCGAATCGACAAGCCTACTCGCCTCCGCAGCGGCTACAGGATCATCCTGG
GCGATTTCCACATTTTTCGATTCAACCATCCGGAAGAAGCTCGTGCGGAA
CGGCAAGAACAATCCTTGCTTCGCCATTCTGTCACCAACAGTCAGTTGGG
TTCGCCTGCTCCAGGCCGTCACGACCGGACACTGAGCAAGGCGGGTTCGG

10 ATGCGGACGGCGATTCTCGCTCAGATTCTCCTTTGCCGCACTTTCGTGGA
AAGGATAGCGACTGGTTCTATGCTCGCAGGGAGCTGCTAGCGCGATCCT
AGGGTTGGATCAGAAGATCTCTCATCTGACAGATGACGAGTTGGATGCAT
TATTTGACGATGTTCAGAAAGCGCGGGCAGTTCGTCGTGGGCTGGTCGAA
GACAACGAAGATAGCGATTCGCAGAGTTCGTTTCCGGTCCGTGACAAATA

15 CATGTCCAATGGAACCATTGATAATTTCTCGCTCGATACCGCCATTACTA
TGCCGGGTACCCCTCGTAGTGATGACGACGGTGACGCGCTGTTTTTTGGT
GATAAGAAGTCGAAACAGGATGCGTCTAATGTTGATGTTGAGGAGTTGCG
TCAACAGCAGGCTCAGATGGAAGAAGCCCTGAAAACAGCGAAGCAGGAAT
TC

20